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| INFORMATION DISCLOSURE STATEMENT PTO-1449 | Atty. Docket No. 032003 | Serial No. <i>10/677378</i> New Appl. |
| | Applicant(s): Makoto HASEYAMA | |
| | Filing Date: October 3, 2003 | Group Art Unit: <i>2829</i> |

U.S. PATENT DOCUMENTS

| Examiner Initial | Document No. | Name | Date | Class | Subclass | Filing Date (If appropriate) |
|------------------|--------------|-----------|-------------|----------|----------|------------------------------|
| <i>E. D. K.</i> | AA | 5,825,192 | J. Hagiwara | 1/20/98 | — | — |
| <i>E. D. K.</i> | AB | 6,130,543 | Shinji Iino | 10/10/00 | — | — |
| | AC | | | | | |
| | AD | | | | | |

FOREIGN PATENT DOCUMENTS

| | Document No. | Date | Country | Translation (Yes or No) |
|-----------------|--------------|-----------|---------|---|
| <i>E. D. K.</i> | AE | 63-84946 | Japan | Abstract. Cited in the int'l. search rpt. |
| <i>E. D. K.</i> | AF | 10-223704 | Japan | Abstract. Cited in the int'l. search rpt. |
| <i>E. D. K.</i> | AG | 62-11243 | Japan | Abstract. Cited in the int'l. search rpt. |
| <i>E. D. K.</i> | AH | 63-57745 | Japan | Partial. Cited in the int'l. search rpt. |
| <i>E. D. K.</i> | AI | 7-130802 | Japan | Abstract. |

OTHER DOCUMENTS

| | | |
|--|----|--|
| | AJ | |
| | AK | |

Examiner

Ernest D. Kader

Date Considered

1-21-05